

COLOR REWRITABLE RECORDING MEDIUM AND RECORDING METHOD USING THE SAME

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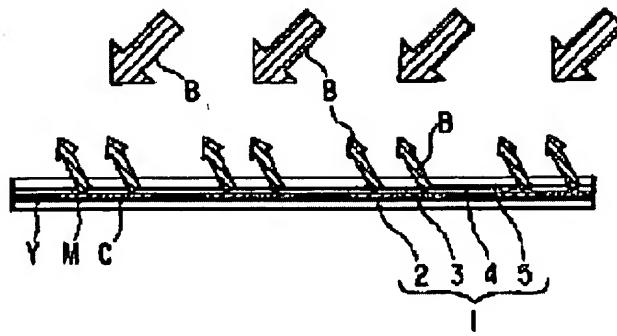
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Abstract of JP8080682

PURPOSE: To stably preserve a recording image for a long time by providing a coloring layer having a plurality of colors on a base material and providing a rewritable layer reversibly changed to transparent and opaque states at a specific temp. on the coloring layer.

CONSTITUTION: For example, when a recording medium is irradiated with light of blue B, the B-light transmits through the transparent rewritable layer 2 to reach a color mosaic layer 3. Colorants Y, M, C are applied to the mosaic layer 3 and the lights applied to the parts of M and C in the B-light transmit through the mosaic layer to be reflected by a base material 2 to be emitted to the outside but the B-light applied to the Y-part is absorbed by the colorant Y to be converted to heat and only the rewritable layer 4 on the Y-colorant becomes a turbid state. The Y-ink colorant under the rewritable layer 4 made turbid is not looked and, in the parts of M and C, the B-light being a synthetic color of M and C is looked. In the same way, by irradiating a part with light desired to develop a color, a desired color can be developed on the irradiated part.



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